

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/121,017B
Source: 1Fw16
Date Processed by STIC: 11/29/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

ERROR DETECTED
SUGGESTED CORRECTION
SERIAL NUMBER: 09/121,017B

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleic
Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
Numbering The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
- 4 Non-ASCII The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**
- 5 Variable Length Sequence(s) _____ contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
"bug"
*1,3,5,17,19,
21,23,25,27,29* A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.** *Suggestion: download PatentIn 3.4 from USPTO website*
- 7 Skipped Sequences
(OLD RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for **each** skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped
Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
- 8 Skipped Sequences
(NEW RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for **each** skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9 Use of n's or Xaa's
(NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
Response Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence. (see item 11 below)
- 11 Use of <220> Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is **MANDATORY** if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules
- 12 PatentIn 2.0
"bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "n" **can only represent a single nucleotide;** "Xaa" **can only represent a single amino acid**



IFW16

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/121,017B

DATE: 11/29/2006
TIME: 13:50:37

Input Set : A:\sequence listing final.txt
Output Set: N:\CRF4\11292006\I121017B.raw

5 <110> APPLICANT: Imamura, Toru
 7 Asada, Masahiro
 9 Oka, Syuichi
 11 Suzuki, Masashi
 13 Yoneda, Atsuko
 15 Ota, Keiko
 17 Oda, Yuko
 19 Miyakawa, Kazuko
 21 Orikasa, Noriko
 23 Asada, Chie
 25 Kojima, Tetsuhito
 29 <120> TITLE OF INVENTION: HEPARIN-BINDING PROTEINS MODIFIED WITH SUGAR CHAINS,
 31 METHOD OF PRODUCING THE SAME AND PHARMACEUTICAL
 33 COMPOSITIONS CONTAINING THE SAME
 37 <130> FILE REFERENCE: 382.1019
 41 <140> CURRENT APPLICATION NUMBER: 09/121,017B
 43 <141> CURRENT FILING DATE: 1998-07-22
 47 <150> PRIOR APPLICATION NUMBER: 307721/1997
 49 <151> PRIOR FILING DATE: 1997-11-10
 53 <160> NUMBER OF SEQ ID NOS: 31
 57 <170> SOFTWARE: PatentIn Ver. 2.0
 61 <210> SEQ ID NO: 1
 63 <211> LENGTH: 221
 65 <212> TYPE: PRT
 67 <213> ORGANISM: Artificial Sequence
 W--> 71 <220> FEATURE:
 W--> 71 <223> OTHER INFORMATION:
 W--> 71 <400> 1
 73 Met Ala Pro Ala Arg Leu Phe Ala Leu Leu Phe Phe Val Gly Gly
 75 1 5 10 15
 79 Val Ala Glu Ser Ile Arg Glu Thr Glu Val Ile Asp Pro Gln Asp Leu
 81 20 25 30
 85 Leu Glu Gly Arg Tyr Phe Ser Gly Ala Leu Pro Asp Asp Glu Asp Val
 87 35 40 45
 91 Val Gly Pro Gly Gln Glu Ser Asp Asp Phe Glu Leu Ser Gly Ser Gly
 93 50 55 60
 97 Asp Leu Asp Asp Leu Glu Asp Ser Met Ile Gly Pro Glu Val Val His
 99 65 70 75 80
 103 Pro Leu Val Pro Leu Asp Ala Asn Tyr Lys Lys Pro Lys Leu Leu Tyr
 105 85 90 95
 109 Cys Ser Asn Gly Gly His Phe Leu Arg Ile Leu Pro Asp Gly Thr Val
 111 100 105 110
 115 Asp Gly Thr Arg Asp Arg Ser Asp Gln His Ile Gln Leu Gln Leu Ser

see pp 1, 3-4, 6
Does Not Comply
Corrected Diskette Needed

suggestion: download PatentIn 3.4
from www.uspto.gov (USPTO
website)

see p.6 and item 6 on Error
summary
sheet

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/121,017B

DATE: 11/29/2006
TIME: 13:50:37

Input Set : A:\sequence listing final.txt
Output Set: N:\CRF4\11292006\I121017B.raw

117	115	120	125													
121	Ala	Glu	Ser	Val	Gly	Glu	Val	Tyr	Ile	Lys	Ser	Thr	Glu	Thr	Gly	Gln
123	130			135						140						
127	Tyr	Leu	Ala	Met	Asp	Thr	Asp	Gly	Leu	Leu	Tyr	Gly	Ser	Gln	Thr	Pro
129	145			150						155						160
133	Asn	Glu	Glu	Cys	Leu	Phe	Leu	Glu	Arg	Leu	Glu	Glu	Asn	His	Tyr	Asn
135				165					170						175	
139	Thr	Tyr	Ile	Ser	Lys	Lys	His	Ala	Glu	Lys	Asn	Trp	Phe	Val	Gly	Leu
141		180					185							190		
145	Lys	Lys	Asn	Gly	Ser	Cys	Lys	Arg	Gly	Pro	Arg	Thr	His	Tyr	Gly	Gln
147		195					200							205		
151	Lys	Ala	Ile	Leu	Phe	Leu	Pro	Leu	Pro	Val	Ser	Ser	Asp			
153		210				215					220					

159 <210> SEQ ID NO: 2

161 <211> LENGTH: 663

163 <212> TYPE: DNA

165 <213> ORGANISM: Artificial Sequence

169 <220> FEATURE:

171 <223> OTHER INFORMATION: Description of Artificial Sequence: fusion of sequence for a part of human rydocalan and a part of human fibroblast growth factor 1

179 <220> FEATURE:

181 <221> NAME/KEY: CDS

183 <222> LOCATION: (1)..(663)

187 <400> SEQUENCE: 2

189	atg	gcc	ccc	gcc	cgt	ctg	ttc	gcg	ctg	ctg	ttc	tgc	ttc	gtt	ggc	gga	48
191	Met	Ala	Pro	Ala	Arg	Leu	Phe	Ala	Leu	Leu	Leu	Phe	Phe	Val	Gly	Gly	

193	1				5				10					15		
-----	---	--	--	--	---	--	--	--	----	--	--	--	--	----	--	--

197	gtc	gcc	gag	tgc	atc	cga	gag	act	gag	gtc	atc	gac	ccc	cag	gac	ctc	96
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	----

199	Val	Ala	Glu	Ser	Ile	Arg	Glu	Thr	Glu	Val	Ile	Asp	Pro	Gln	Asp	Leu	
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--

201					20				25					30		
-----	--	--	--	--	----	--	--	--	----	--	--	--	--	----	--	--

205	cta	gaa	ggc	cga	tac	ttc	tcc	gga	gcc	cta	cca	gac	gat	gag	gat	gta	144
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

207	Leu	Glu	Gly	Arg	Tyr	Phe	Ser	Gly	Ala	Leu	Pro	Asp	Asp	Glu	Asp	Val	
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--

209					35				40					45		
-----	--	--	--	--	----	--	--	--	----	--	--	--	--	----	--	--

213	gtg	ggg	ccc	ggg	cag	gaa	tct	gat	gac	ttt	gag	ctg	tct	ggc	tct	gga	192
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

215	Val	Gly	Pro	Gly	Gln	Glu	Ser	Asp	Asp	Phe	Glu	Leu	Ser	Gly	Ser	Gly	
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--

217					50				55					60		
-----	--	--	--	--	----	--	--	--	----	--	--	--	--	----	--	--

221	gat	ctg	gat	gac	ttg	gaa	gac	tcc	atc	ggc	cct	gaa	gtt	gtc	cat		240
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--	-----

223	Asp	Leu	Asp	Asp	Leu	Glu	Asp	Ser	Met	Ile	Gly	Pro	Glu	Val	Val	His	
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--

225	65				70					75					80	
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229	ccc	ttg	gtg	cct	cta	gat	gct	aat	tac	aag	aag	ccc	aaa	ctc	ctc	tac	288
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

231	Pro	Leu	Val	Pro	Leu	Asp	Ala	Asn	Tyr	Lys	Lys	Pro	Lys	Leu	Leu	Tyr	
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--

233					85				90					95		
-----	--	--	--	--	----	--	--	--	----	--	--	--	--	----	--	--

237	tgt	agc	aac	ggg	ggc	cac	ttc	ctg	agg	atc	ctt	ccg	gat	ggc	aca	gtg	336
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

239	Cys	Ser	Asn	Gly	Gly	His	Phe	Leu	Arg	Ile	Leu	Pro	Asp	Gly	Thr	Val	
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--

241					100				105					110		
-----	--	--	--	--	-----	--	--	--	-----	--	--	--	--	-----	--	--

245	gat	ggg	aca	agg	gac	agg	agc	gac	cac	att	cag	ctg	cag	ctc	agt		384
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--	-----

247	Asp	Gly	Thr	Arg	Asp	Arg	Ser	Asp	Gln	His	Ile	Gln	Gln	Leu	Ser		
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--	--

249					115				120					125		
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/121,017B

DATE: 11/29/2006
TIME: 13:50:37

Input Set : A:\sequence listing final.txt
Output Set: N:\CRF4\11292006\I121017B.raw

253	gct	gaa	agc	gtg	ggg	gag	gtg	tat	ata	aag	agt	acc	gag	act	ggc	cag	432
255	Ala	Glu	Ser	Val	Gly	Glu	Val	Tyr	Ile	Lys	Ser	Thr	Glu	Thr	Gly	Gln	
257	130				135							140					
261	tac	ttg	gcc	atg	gac	acc	gac	ggg	ctt	tta	tac	ggc	tca	cag	aca	cca	480
263	Tyr	Leu	Ala	Met	Asp	Thr	Asp	Gly	Leu	Leu	Tyr	Gly	Ser	Gln	Thr	Pro	
265	145				150						155				160		
269	aat	gag	gaa	tgt	ttg	ttc	ctg	gaa	agg	ctg	gag	gag	aac	cat	tac	aac	528
271	Asn	Glu	Glu	Cys	Leu	Phe	Leu	Glu	Arg	Leu	Glu	Glu	Asn	His	Tyr	Asn	
273					165					170				175			
277	acc	tat	ata	tcc	aag	aag	cat	gca	gag	aag	aat	tgg	ttt	gtt	ggc	ctc	576
279	Thr	Tyr	Ile	Ser	Lys	Lys	His	Ala	Glu	Lys	Asn	Trp	Phe	Val	Gly	Leu	
281					180				185			190					
285	aag	aag	aat	ggg	agc	tgc	aaa	cgc	ggt	cct	cg	act	cac	tat	ggc	cag	624
287	Lys	Lys	Asn	Gly	Ser	Cys	Lys	Arg	Gly	Pro	Arg	Thr	His	Tyr	Gly	Gln	
289					195				200			205					
293	aaa	gca	atc	ttg	ttt	ctc	ccc	ctg	cca	gtc	tct	tct	gat				663
295	Lys	Ala	Ile	Leu	Phe	Leu	Pro	Leu	Pro	Val	Pro	Ser	Ser	Asp			
297					210				215			220					

303 <210> SEQ ID NO: 3

305 <211> LENGTH: 175

307 <212> TYPE: PRT

309 <213> ORGANISM: Artificial Sequence

W--> 313 <220> FEATURE:

W--> 313 <223> OTHER INFORMATION:

W--> 313 <400> 3

see p.6 and Errr Summary Sheet

315	Met	Ser	Arg	Gly	Ala	Gly	Arg	Val	Gln	Gly	Thr	Leu	Gln	Ala	Leu	Val	
317	1				5				10			15					
321	Phe	Leu	Gly	Val	Leu	Val	Gly	Met	Val	Val	Pro	Ser	Pro	Ala	Gly	Ala	
323					20				25			30					
327	Arg	Ala	Asn	Gly	Thr	Leu	Leu	Asp	Ala	Asn	Tyr	Lys	Lys	Pro	Lys	Leu	
329					35				40			45					
333	Leu	Tyr	Cys	Ser	Asn	Gly	Gly	His	Phe	Leu	Arg	Ile	Leu	Pro	Asp	Gly	
335					50				55			60					
339	Thr	Val	Asp	Gly	Thr	Arg	Asp	Arg	Ser	Asp	Gln	His	Ile	Gln	Leu	Gln	
341					65				70			75			80		
345	Leu	Ser	Ala	Glu	Ser	Val	Gly	Glu	Val	Tyr	Ile	Lys	Ser	Thr	Glu	Thr	
347						85				90			95				
351	Gly	Gln	Tyr	Leu	Ala	Met	Asp	Thr	Asp	Gly	Leu	Leu	Tyr	Gly	Ser	Gln	
353						100				105			110				
357	Thr	Pro	Asn	Glu	Glu	Cys	Leu	Phe	Leu	Glu	Arg	Leu	Glu	Glu	Asn	His	
359						115				120			125				
363	Tyr	Asn	Thr	Tyr	Ile	Ser	Lys	Lys	His	Ala	Glu	Lys	Asn	Trp	Phe	Val	
365					130				135			140					
369	Gly	Leu	Lys	Lys	Asn	Gly	Ser	Cys	Lys	Arg	Gly	Pro	Arg	Thr	His	Tyr	
371					145				150			155			160		
375	Gly	Gln	Lys	Ala	Ile	Leu	Phe	Leu	Pro	Leu	Pro	Val	Ser	Ser	Asp		
377						165				170			175				

381 <210> SEQ ID NO: 4

383 <211> LENGTH: 525

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/121,017B

DATE: 11/29/2006
TIME: 13:50:38

Input Set : A:\sequence listing final.txt
Output Set: N:\CRF4\11292006\I121017B.raw

385 <212> TYPE: DNA
 387 <213> ORGANISM: Artificial Sequence
 391 <220> FEATURE:
 393 <223> OTHER INFORMATION: Description of Artificial Sequence: fusion of
 395 sequence for a part of mouse fibroblast growth factor 6 and
 397 a part of human fibroblast growth factor 1
 401 <220> FEATURE:
 403 <221> NAME/KEY: CDS
 405 <222> LOCATION: (1)..(525)
 409 <400> SEQUENCE: 4
 411 atg tcc cgg gga gca gga cgt gtt cag ggc acg ctg cag gct ctc gtc 48
 413 Met Ser Arg Gly Ala Gly Arg Val Gln Gly Thr Leu Gln Ala Leu Val
 415 1 5 10 15
 419 ttc tta ggc gtc cta gtg ggc atg gtg gtg ccc tca cct gcc ggc gcc 96
 421 Phe Leu Gly Val Leu Val Gly Met Val Val Pro Ser Pro Ala Gly Ala
 423 20 25 30
 427 cgc gcc aac ggc acg cta ctg gac gct aat tac aag aag ccc aaa ctc 144
 429 Arg Ala Asn Gly Thr Leu Leu Asp Ala Asn Tyr Lys Lys Pro Lys Leu
 431 35 40 45
 435 ctc tac tgt agc aac ggg ggc cac ttc ctg agg atc ctt ccg gat ggc 192
 437 Leu Tyr Cys Ser Asn Gly Gly His Phe Leu Arg Ile Leu Pro Asp Gly
 439 50 55 60
 443 aca gtg gat ggg aca agg gac agg agc gac cag cac att cag ctg cag 240
 445 Thr Val Asp Gly Thr Arg Asp Arg Ser Asp Gln His Ile Gln Leu Gln
 447 65 70 75 80
 451 ctc agt gcg gaa agc gtg ggg gag gtg tat ata aag agt acc gag act 288
 453 Leu Ser Ala Glu Ser Val Gly Glu Val Tyr Ile Lys Ser Thr Glu Thr
 455 85 90 95
 459 ggc cag tac ttg gcc atg gac acc gac ggg ctt tta tac ggc tca cag 336
 461 Gly Gln Tyr Leu Ala Met Asp Thr Asp Gly Leu Leu Tyr Gly Ser Gln
 463 100 105 110
 467 aca cca aat gag gaa tgt ttg ttc ctg gaa agg ctg gag gag aac cat 384
 469 Thr Pro Asn Glu Glu Cys Leu Phe Leu Glu Arg Leu Glu Asn His
 471 115 120 125
 475 tac aac acc tat ata tcc aag aag cat gca gag aag aat tgg ttt gtt 432
 477 Tyr Asn Thr Tyr Ile Ser Lys Lys His Ala Glu Lys Asn Trp Phe Val
 479 130 135 140
 483 ggc ctc aag aag aat ggg agc tgc aaa cgc ggt cct ccg act cac tat 480
 485 Gly Leu Lys Lys Asn Gly Ser Cys Lys Arg Gly Pro Arg Thr His Tyr
 487 145 150 155 160
 491 ggc cag aaa gca atc ttg ttt ctc ccc ctg cca gtc tct tct gat 525
 493 Gly Gln Lys Ala Ile Leu Phe Leu Pro Leu Pro Val Ser Ser Asp
 495 165 170 175
 503 <210> SEQ ID NO: 5
 505 <211> LENGTH: 181
 507 <212> TYPE: PRT
 509 <213> ORGANISM: Artificial Sequence
 W--> 513 <220> FEATURE:
 W--> 513 <223> OTHER INFORMATION:

See P. 6 and item 6 on
Error summary
sheet

This type of error
appears in subsequent
sequences

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/121,017B

DATE: 11/29/2006

TIME: 13:50:38

Input Set : A:\sequence listing final.txt
 Output Set: N:\CRF4\11292006\I121017B.raw

W--> 513 <400> 5

515 Met Ser Arg Gly Ala Gly Arg Val Gln Gly Thr Leu Gln Ala Leu Val
 517 1 5 10 15
 521 Phe Leu Gly Val Leu Val Gly Met Val Val Pro Ser Pro Ala Gly Ala
 523 20 25 30
 527 Arg Ala Gln Gly Thr Leu Leu Asp Ala Asn Tyr Lys Lys Pro Lys Leu
 529 35 40 45
 533 Leu Tyr Cys Ser Asn Gly Gly His Phe Leu Arg Ile Leu Pro Asp Gly
 535 50 55 60
 539 Thr Val Asp Gly Thr Arg Asp Arg Ser Asp Gln His Ile Gln Leu Gln
 541 65 70 75 80
 545 Leu Ser Ala Glu Ser Val Gly Glu Val Tyr Ile Lys Ser Thr Glu Thr
 547 85 90 95
 551 Gly Gln Tyr Leu Ala Met Asp Thr Asp Gly Leu Leu Tyr Gly Ser Gln
 553 100 105 110
 557 Thr Pro Asn Glu Glu Cys Leu Phe Leu Glu Arg Leu Glu Ala Ala
 559 115 120 125
 563 Thr Pro Ala Pro Asn His Tyr Asn Thr Tyr Ile Ser Lys Lys His Ala
 565 130 135 140
 569 Glu Lys Asn Trp Phe Val Gly Leu Lys Lys Asn Gly Ser Cys Lys Arg
 571 145 150 155 160
 575 Gly Pro Arg Thr His Tyr Gly Gln Lys Ala Ile Leu Phe Leu Pro Leu
 577 165 170 175
 581 Pro Val Ser Ser Asp
 583 180
 589 <210> SEQ ID NO: 6
 591 <211> LENGTH: 543
 593 <212> TYPE: DNA
 595 <213> ORGANISM: Artificial Sequence
 599 <220> FEATURE:
 601 <223> OTHER INFORMATION: Description of Artificial Sequence: fusion of
 603 sequence for a part of mouse fibroblast growth factor 6,
 605 a part of human fibroblast growth factor 1 and an artificial
 607 sequence
 611 <220> FEATURE:
 613 <221> NAME/KEY: CDS
 615 <222> LOCATION: (1)..(543)
 619 <400> SEQUENCE: 6

621 atg tcc cgg gga gca gga cgt gtt cag ggc acg ctg cag gct ctc gtc 48
 623 Met Ser Arg Gly Ala Gly Arg Val Gln Gly Thr Leu Gln Ala Leu Val
 625 1 5 10 15
 629 ttc tta ggc gtc cta gtg ggc atg gtg gtg ccc tca cct gcc ggc gcc 96
 631 Phe Leu Gly Val Leu Val Gly Met Val Val Pro Ser Pro Ala Gly Ala
 633 20 25 30
 637 cgc gcc caa ggc acg cta ctg gac gct aat tac aag aag ccc aaa ctc 144
 639 Arg Ala Gln Gly Thr Leu Leu Asp Ala Asn Tyr Lys Lys Pro Lys Leu
 641 35 40 45
 645 ctc tac tgt agc aac ggg ggc cac ttc ctg agg atc ctt ccg gat ggc 192
 647 Leu Tyr Cys Ser Asn Gly His Phe Leu Arg Ile Leu Pro Asp Gly

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 11/29/2006
PATENT APPLICATION: US/09/121,017B TIME: 13:50:39

Input Set : A:\sequence listing final.txt
Output Set: N:\CRF4\11292006\I121017B.raw

Use of <220> Feature(NEW RULES) :

Sequence(s) are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"
or "Unknown". Please explain source of genetic material in <220> to <223>
section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32)
(Sec.1.823 of new Rules)

Seq#:1,3,5,17,19,21,23,25,27,29

VERIFICATION SUMMARY

DATE: 11/29/2006

PATENT APPLICATION: US/09/121,017B

TIME: 13:50:39

Input Set : A:\sequence listing final.txt
Output Set: N:\CRF4\11292006\I121017B.raw

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